

Claims 1 - 8: (Cancelled)

5 9. (New) A process for granulating a polymer powder having a multimodal molar mass distribution comprising:

preparing the polymer powder in a polymerization reactor and introducing the polymer powder into an extruder;

10 melting and homogenizing the polymer powder in the extruder; and

pressing the polymer powder through an extrusion die, wherein an organic solvent or suspension medium is added to the polymer powder in an amount from 0.001 to 20 % by weight based on a total weight of the polymer powder prior to introducing the polymer
15 powder into the extruder.

10. (New) The process as claimed in claim 9, wherein the organic solvent or suspension medium is prepared in suspension in the polymerization reactor; the organic solvent or suspension medium
20 not being subjected to complete drying, wherein the organic solvent or suspension medium is in the polymer powder in an amount from 0.001 to 20 % by weight.

11. (New) The process as claimed in claim 9, wherein the organic
25 solvent or suspension medium is introduced to a dry polymer powder, wherein the organic solvent or suspension medium is in the polymer powder in an amount from 0.001 to 20 % by weight.

12. (New) The process as claimed in claim 9, wherein the organic
30 solvent or suspension medium is introduced to the polymer powder in the extruder, wherein the organic solvent or suspension medium is in the polymer powder in an amount from 0.001 to 20 % by weight.

13. (New) The process as claimed in claim 9, wherein the organic
35 solvent or suspension medium in the polymer powder is in an amount

from 0.0015 to 15 % by weight.

14. (New) The process as claimed in claim 9, wherein the organic solvent or suspension medium in the polymer powder is in an amount
5 from 0.002 to 10 % by weight.

15. (New) The process as claimed in claim 9, wherein the organic solvent or suspension medium in the polymer powder is in an amount
10 from 0.01 to 5 % by weight.

16. (New) The process as claimed in claim 9, wherein the organic solvent or suspension medium is a saturated or cyclic, or polycyclic or aromatic hydrocarbon having from 3 to 18 carbon atoms.
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17. (New) The process as claimed in claim 16, wherein the organic solvent or suspension medium has from 4 to 12 carbon atoms.

18. (New) The process as claimed in claim 9, wherein the polymer
20 powder comprises a thermoplastic polymer.

19. (New) The process as claimed in claim 9, wherein the polymer powder comprises polyethylene.